

A triplet insertion in a *ahpC* restores growth to a *trxB* *gor* double mutant

wt  
AhpC

TGGAGCGTCTTTCTTTCTTTACCCGGCTGACTTTACTTTCTGTATGCCCG  
W S V F F F Y P A D F T F V © P 47

①

Ahp<sup>\*</sup>C

TGGAGCGGCTTTTCTTTCTTTCTTTACCCGGCTGACTTTACTTTTCGTATGCCCGG  
W S V F F F F F Y P A D E T F V © P

33 48

3

E. coli	32	RWSVFF	FYPADF	TFVCPTTEL	GDVADHYEELQK
S. typhi	32	RWSVFF	FYPADF	TFVCPTTEL	GDVADHYEELQK
P. putida	32	KWSVVF	FYPADF	TFVCPTTEL	GLADNYAEFQK
S. mutans	32	KWAVFC	FYPADF	SFVCPTTEL	GLQEQYATLQS
B. subtilis	32	QWSVFC	FYPADF	SFVCPTTEL	EDLQEQYAAIKE
S. aureus	34	SWSVVC	FYPADF	SFVCPTTEL	EDLQNQYEELQK
T. pallidum	33	SWAVFM	FYPADF	TFVCPTTEL	ADLARVYPSFVE
A. aeolicus	50	KWVILF	FYPADY	TFVCPTTEL	ADLAEKYDELKE
HUMAN_TSA	36	KYVVL	FYPLDF	TFVCPTTEL	IAFTTVKRTSAK